

FIG. 1



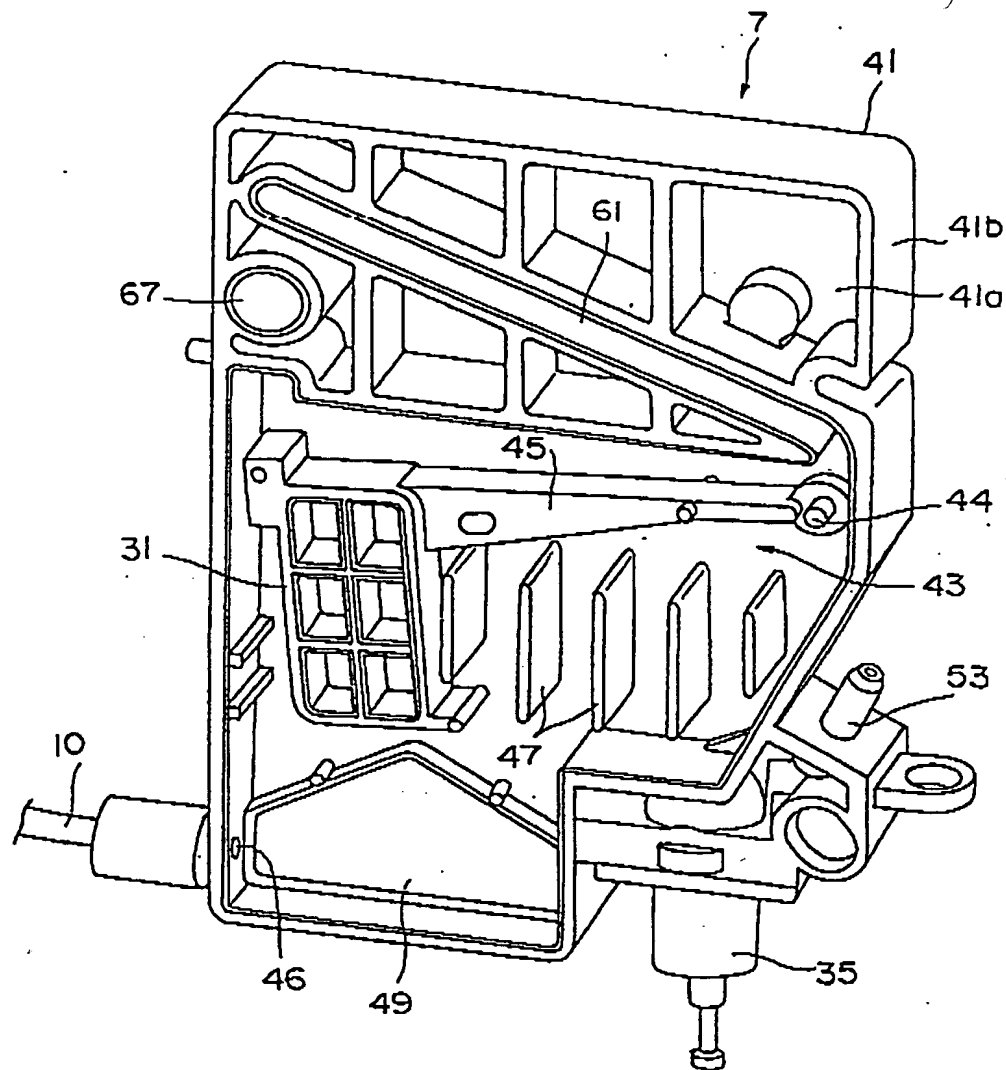


FIG. 3

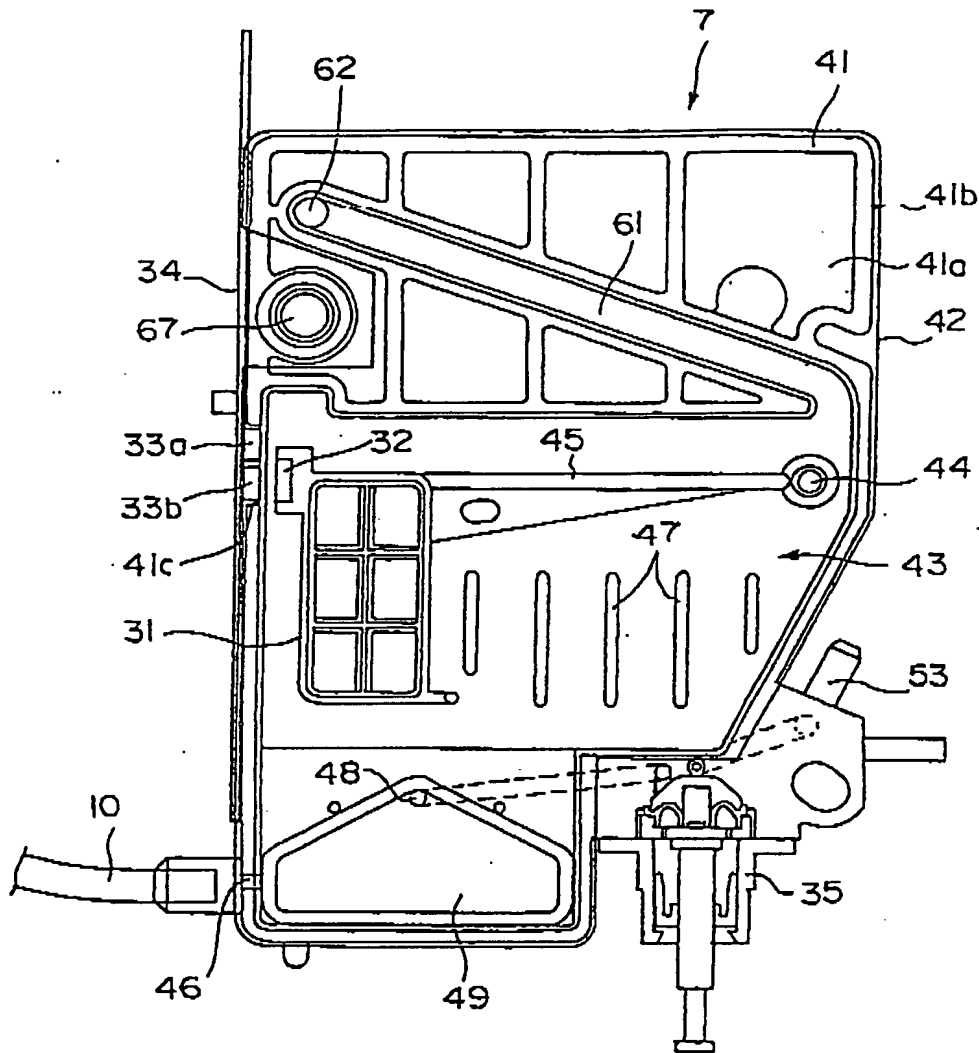


FIG. 4



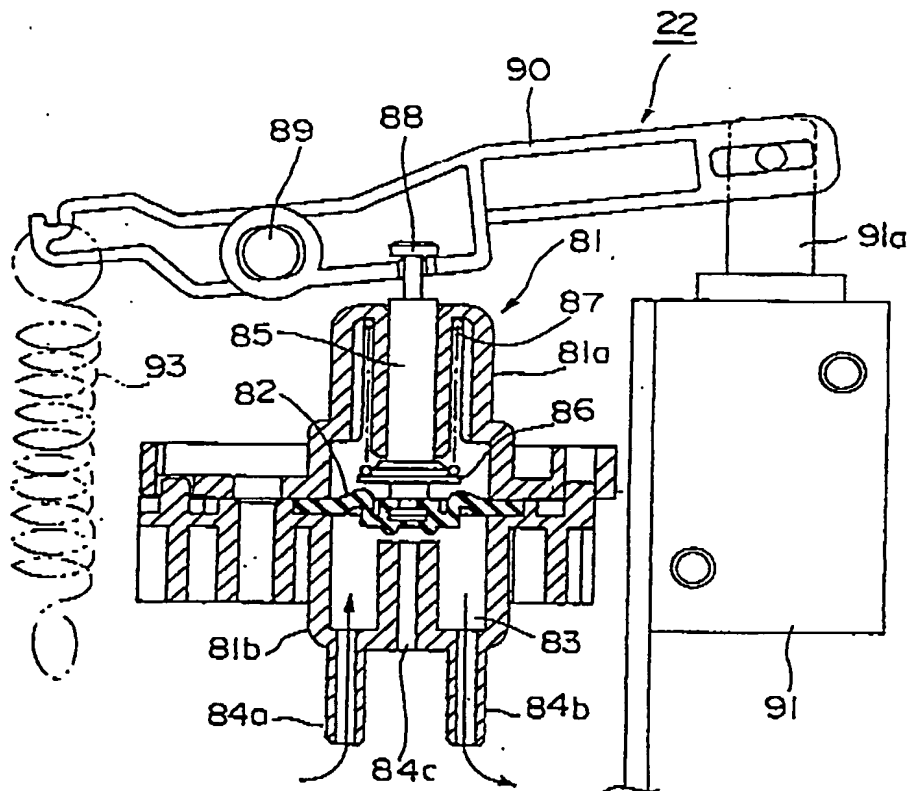


FIG. 6

100: print controller

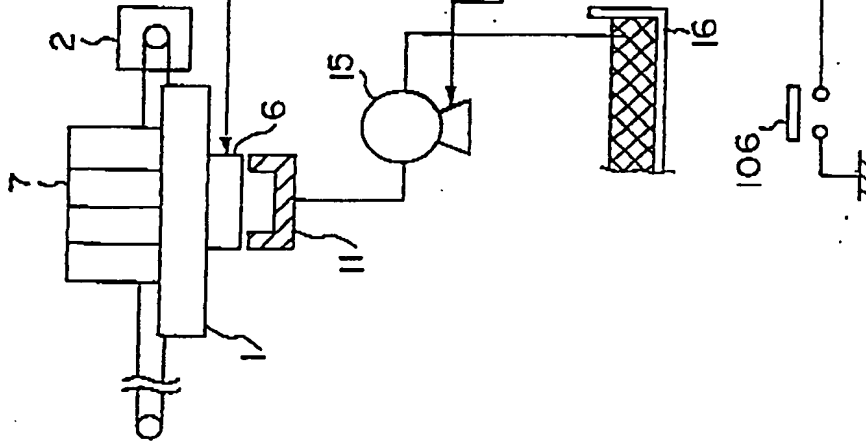
from host

101: head driver

102: flushing unit

103: cleaning unit

From Host Computer



104: CL instruction detector

105: pump driver

107: an ink consumption calculator

108: coefficient setting unit

109: Sub-tank ink consumption counter

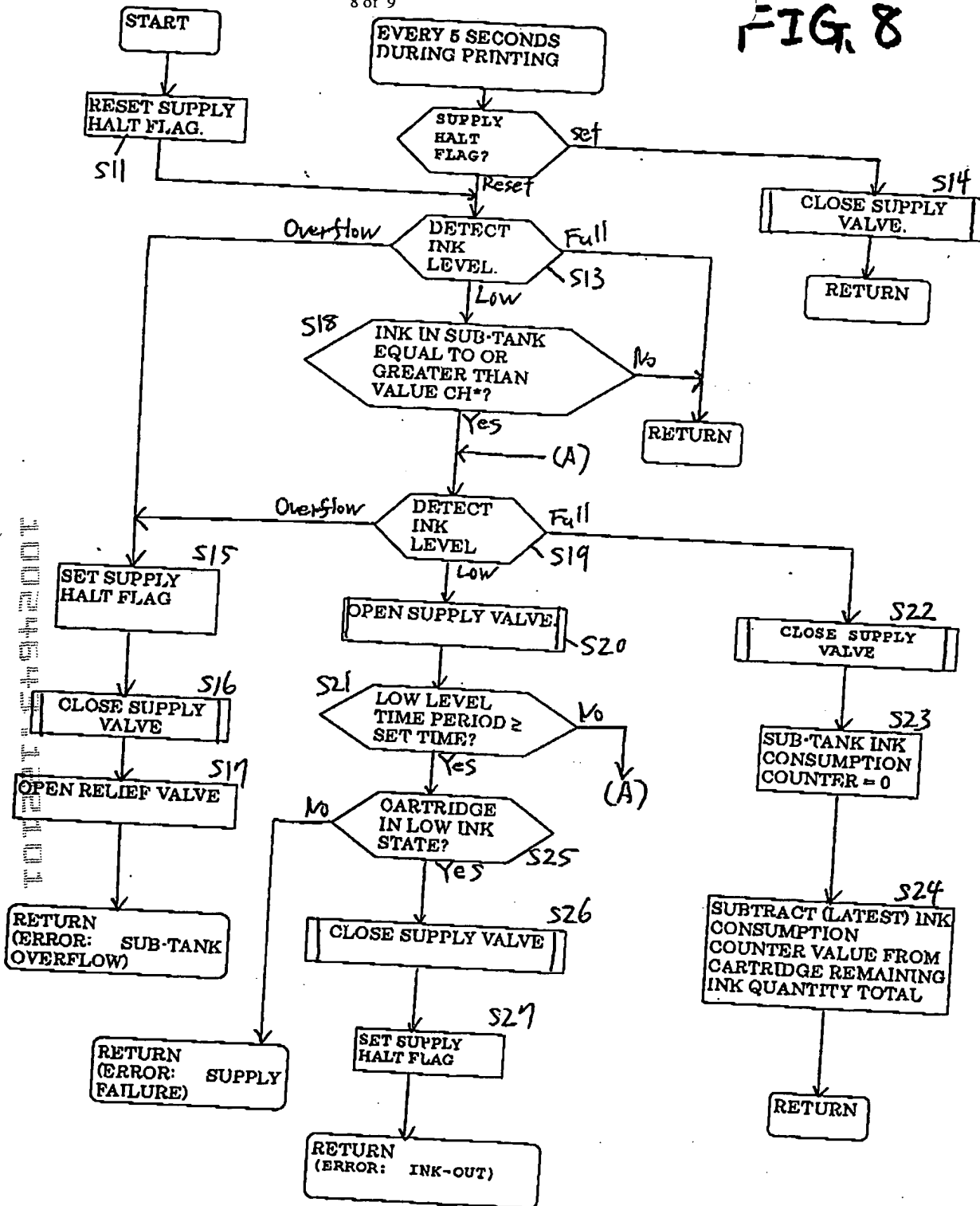
110: Main tank remaining ink counter

111: write/read unit

112: timer unit

113: display unit

FIG. 8





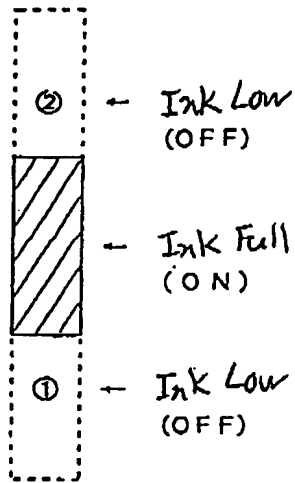


FIG. 9

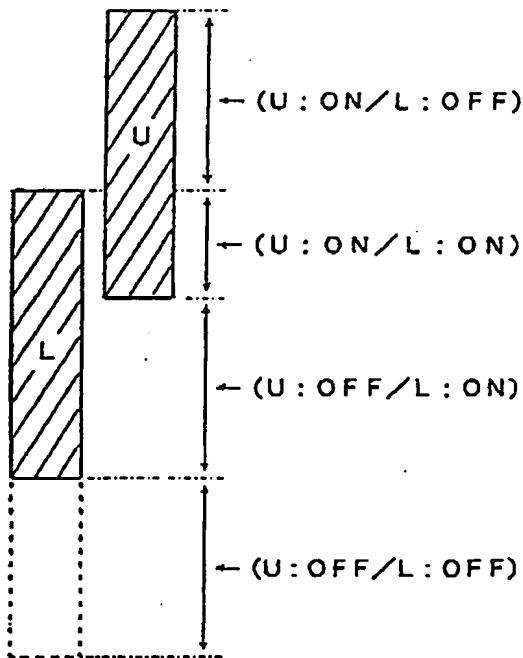


FIG. 10A

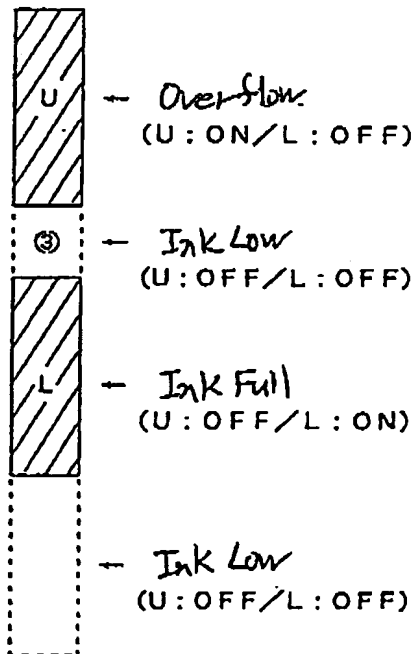


FIG. 10B